

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061418\  
 Data File : VN049221.D  
 Acq On : 14 Jun 2018 12:24  
 Operator : MD\SY  
 Sample : J3435-10  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampled :  
 TRIP-BLANK

Quant Time: Jun 15 13:25:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061318W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 14 05:15:23 2018  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	508606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	975804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1027927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	291921	50.00	ug/l	0.00

## System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	361677	44.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.08%	
35) Dibromofluoromethane	7.59	113	332009	41.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.22%	
50) Toluene-d8	10.09	98	1230972	39.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.36%	
62) 4-Bromofluorobenzene	12.41	95	406166	38.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.90%	

## Target Compounds

						Qvalue
3) Chloromethane	2.06	50	2364	0.316	ug/l #	89
5) Bromomethane	2.57	94	3189	0.496	ug/l	89
10) Methyl Iodide	3.95	142	1657	0.244	ug/l #	61
13) Acrolein	3.61	56	330	0.541	ug/l #	1
16) Acetone	3.82	43	19367	9.869	ug/l	95
17) Carbon Disulfide	4.04	76	10259	0.473	ug/l	98
18) Methyl Acetate	4.33	43	8873	Below Cal	#	76
20) Methylene Chloride	4.55	84	6561	0.823	ug/l	88
29) Tetrahydrofuran	7.22	42	1239	0.685	ug/l #	52
31) Cyclohexane	7.67	56	11800	0.606	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	41830	3.431	ug/l #	51
38) Carbon Tetrachloride	7.66	117	49379	4.020	ug/l #	17
43) Isopropyl Acetate	8.25	43	28889	2.042	ug/l #	64
59) 2-Hexanone	10.77	43	1855	0.395	ug/l	92
71) Bromoform	12.40	173	1339	0.212	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.51	83	249	Below Cal	#	39
76) 1,2,3-Trichloropropane	12.41	75	201056	41.180	ug/l #	100
77) Bromobenzene	12.53	156	388	Below Cal	#	51
81) trans-1,4-Dichloro-2-buten	12.41	75	201056	115.071	ug/l #	9
89) n-Butylbenzene	13.62	91	1710	1.650	ug/l	86
90) Hexachloroethane	13.61	117	120	Below Cal	#	9
93) 1,2,4-Trichlorobenzene	14.91	180	1060	4.591	ug/l	95
94) Hexachlorobutadiene	15.02	225	1321	0.405	ug/l #	75
95) Naphthalene	15.13	128	2422	5.627	ug/l #	80

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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